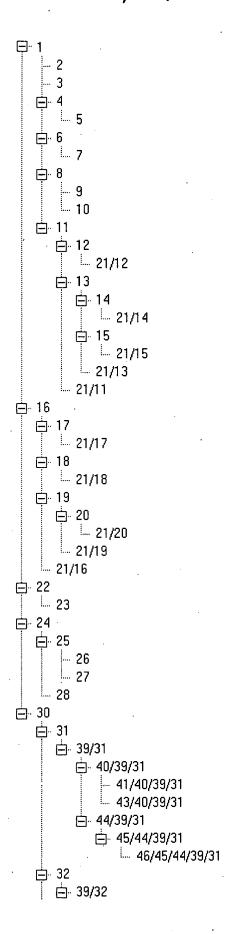
# 03/18/06 Claim Tree for 10646700



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₫ 40/39/32
        -- 41/40/39/32
        43/40/39/32

    44/39/32

        46/45/44/39/32
⊟- 33
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      41/40/39/30
     43/40/39/30
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        46/45/44/39/30
```

| Ref<br># | Hits   | Search Query                               | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|--|---|---------------------|---------|------------------|
| L1       | 0      | ("7014287").PN.                            | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2006/03/18 16:59 |
| L2       | 1      | ("20020015066").PN.                        | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2006/03/18 17:01 |
| L3       | 1      | ("6302527").PN.                            | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2006/03/18 17:02 |
| L4       | 1      | ("5735167").PN.                            | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2006/03/18 17:02 |
| L7       | 1      | ("20020015066").PN.                        | US-PGPUB;<br>USPAT  | OR                  | OFF     | 2006/03/18 17:15 |
| L8       | 2981   | 347/19                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/18 17:16 |
| L9       | 1046   | 347/5                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/18 17:16 |
| L10      | 465    | 347/6                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/18 17:16 |
| L11      | 1447   | 347/7                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/18 17:16 |
| L12      | 4487   | L8 or L9 or L10 or L11                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/18 17:16 |
| L13      | 200404 | (field adj effect adj transistor) or "FET" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/18 17:17 |

| L14 | 1724252 | ion  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ÓR | ON  | 2006/03/18 17:17 |
|-----|---------|--|---|----|-----|------------------|
| L15 | 6714    | 13 with 14   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/18 17:17 |
| L16 | 5       | 12 and 15  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/18 18:13 |
| L17 | 18      | "6099101"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/18 18:13 |
| L18 | 1       | ("6099101").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2006/03/18 18:13 |
| L19 | 32      | (US-20020008724-\$ or US-20020015066-\$ or US-20020030710-\$).did. or (US-3713148-\$ or US-3967549-\$ or US-4130126-\$ or US-4422085-\$ or US-4682158-\$ or US-5059246-\$ or US-5136309-\$ or US-5179389-\$ or US-5315317-\$ or US-5509140-\$ or US-5583545-\$ or US-5589859-\$ or US-5623291-\$ or US-5623290-\$ or US-5635969-\$ or US-562610-\$ or US-5729256-\$ or US-5735167-\$ or US-5815175-\$ or US-5841448-\$ or US-5877943-\$ or US-5956061-\$ or US-6007173-\$ or US-6010210-\$ or US-6099101-\$ or US-6302527-\$).did. or (US-6312074-\$ or US-6322182-\$ or US-6416156-\$).did. | US-PGPUB;<br>USPAT  | OR | OFF | 2006/03/18 18:22 |

| <del></del> |    |   |                    |    |     |                  |
|-------------|----|---|--------------------|----|-----|------------------|
| L20         | 32 | (US-20020015066-\$).did. or<br>(US-3713148-\$ or US-3967549-\$ or<br>US-4130126-\$ or US-4422085-\$ or<br>US-4682158-\$ or US-4940997-\$ or<br>US-5059246-\$ or US-5136309-\$ or<br>US-5179389-\$ or US-5489925-\$ or<br>US-5509140-\$ or US-5623291-\$ or<br>US-5635969-\$ or US-5652610-\$ or<br>US-5735167-\$ or US-5742308-\$ or<br>US-5743138-\$ or US-5751319-\$ or<br>US-5815175-\$ or US-5841448-\$ or<br>US-5929885-\$ or US-5956061-\$ or<br>US-6007173-\$ or US-6099101-\$ or<br>US-6286921-\$ or US-6302527-\$).did.<br>or (US-6312074-\$ or US-6322182-\$ or<br>US-6416156-\$ or US-6470744-\$ or<br>US-6652080-\$).did. | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/18 18:23 |
| L21         | 41 | 19 or 20  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/18 18:23 |
| L22         | 9  | 21 and hollow   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/18 18:23 |
| S1          | 32 | (("3713148") or ("3967549") or ("4130126") or ("4422085") or ("4682158") or ("5059246") or ("5136309") or ("20020008724") or ("20020015066") or ("20020030710") or ("5179389") or ("5509140") or ("5623291") or ("5635969") or ("5652610") or ("5735167") or ("5815175") or ("5841448") or ("5877943") or ("5956061") or ("6007173") or ("6099101") or ("6322182") or ("6416156") or ("5583545") or ("5623290") or ("5729256") or ("6010210") or ("5315317") or ("5589859")).PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/18 15:01 |

| C2 2  | (UC 20020009724 # a=   | LIC DCDLID         | OB | OFF | 2006/02/10 10:22 |
|-------|--|--------------------|----|-----|------------------|
| S2 32 | US-20020008724-\$ or US-20020015066-\$ or US-20020030710-\$).did. or (US-3713148-\$ or US-3967549-\$ or US-4130126-\$ or US-4422085-\$ or US-4682158-\$ or US-5059246-\$ or US-5136309-\$ or US-5179389-\$ or US-5315317-\$ or US-5509140-\$ or US-5583545-\$ or US-5589859-\$ or US-5623291-\$ or US-5623290-\$ or US-5635969-\$ or US-5623290-\$ or US-5729256-\$ or US-5735167-\$ or US-5815175-\$ or US-5841448-\$ or US-5877943-\$ or US-5956061-\$ or US-6007173-\$ or US-6010210-\$ or US-6099101-\$ or US-6302527-\$).did. or (US-6312074-\$ or US-6322182-\$ or US-6416156-\$).did. | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/18 18:22 |
| S3 32 | 1  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/18 15:06 |

| S4  | 32   | (US-20020015066-\$).did. or<br>(US-3713148-\$ or US-3967549-\$ or<br>US-4130126-\$ or US-4422085-\$ or<br>US-4682158-\$ or US-4940997-\$ or<br>US-5059246-\$ or US-5136309-\$ or<br>US-5179389-\$ or US-5489925-\$ or<br>US-5509140-\$ or US-5623291-\$ or<br>US-5635969-\$ or US-5623291-\$ or<br>US-5735167-\$ or US-5742308-\$ or<br>US-5743138-\$ or US-5751319-\$ or<br>US-5815175-\$ or US-5841448-\$ or<br>US-5929885-\$ or US-5956061-\$ or<br>US-6007173-\$ or US-6099101-\$ or<br>US-6286921-\$ or US-6302527-\$).did.<br>or (US-6312074-\$ or US-6322182-\$ or | US-PGPUB;<br>USPAT  | OR   | OFF | 2006/03/18 18:22 |
|-----|------|---|---|------|-----|------------------|
|     |      | US-6416156-\$ or US-6470744-\$ or US-6652080-\$).did.   |   |      |     | ,                |
| S5  | 9    | S4 not S2   | US-PGPUB;<br>USPAT  | OR   | OFF | 2006/03/18 15:10 |
| S6  | 2981 | 347/19  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON  | 2006/03/18 15:10 |
| S7  | 1046 | 347/5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/03/18 15:10 |
| S8  | 465  | 347/6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/03/18 15:10 |
| S9  | 1447 | 347/7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/03/18 15:10 |
| S10 | 4487 | S6 or S7 or S8 or S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2006/03/18 17:16 |

| S11 | 141022 | semiconduct\$4 with (sens\$4 or detect\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/18 15:11 |
|-----|--------|--|---|----|----|------------------|
| S12 | 154    | S10 and S11                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/18 15:12 |
| S13 | 149    | S12 not S2                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/18 15:12 |
| S14 | 148    | S13 not S4                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/18 16:47 |